Read March 21, 1771.

XXIII. *Meteorological Obſervations at* Ludgvan *in* Mount's-Bay, Cornwall, 1770: *By* William Borlaſe, *D. D. F. R. S. Communicated by Dr.* Jeremiah Milles, *Dean of* Exeter, *and F. R. S.*

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
January	Higheſt 28 30,51 Very high Loweſt 7 29,36	Snow from the 5th to the 9th; 10th, ſnow all gone. Violent ſtorm on the 11th; nine days calm; reſt miſty, with fogs, ſhowers, and wind. Eaſt and Weſt winds nearly equal, latter rather more; hard froſt on the 7th day only.	Med. Higheſt 2 51 Loweſt 7 32 } 43 $\frac{18}{31}$	Inches. 3 $\frac{160}{1000}$
February	Higheſt 14 30,39 Loweſt 18 29,1	Calm 12 days; a violent ſtorm all night the 18th; a ſlight froſt only on the 24th; wind Weſterly 21 days.	Higheſt 14 51 Loweſt 24 36 } 44 $\frac{3}{28}$	3,300
March	Higheſt 2 30,6 Loweſt 10 28,71	Sleet, deep ſnow and lying, the 16th, 17th, 18th, 19th, 20th, with hard froſt; froſt, and hard ſnowing and windy, 23d, 24th; ſnow, hail, and froſt, 26th, 27th, 28th, 29th. Froſt and ſnow gone the 30th, with hazy miſts. Wind moſtly from the North and Eaſt, being to the Weſt as 19 to 12.	Higheſt 31 51 $\frac{1}{2}$ Loweſt 21 32 } 41 $\frac{5}{31}$	4,040
April	Higheſt 29 30,31 Loweſt 6 28,90	Mixture of all weathers, but that of froſt and ſnow we had none. Wind 22 days from the North; reſt nearly equal.	Higheſt 30 54 Loweſt 9 39 } 46	3,400

May

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
			Med.	Inches.
May	Higheſt 1 29,98 Loweſt 5 28,99	Firſt 7 days windy and ſtormy ſhowers; in the reſt 20 days of calm, moſtly fair. Wind 16 days from the Eaſt equally mixed with North and South.	Higheſt 28 60 Loweſt 3 40½ } 52 1/31	3,000
June	Higheſt 14 30,7 Loweſt 19 29,17	Moſtly hazy and miſty. Fair, windy, rain and cloudy, nearly equal. Wind 26 days from the Weſt, chiefly mixed with the South.	Higheſt 9 61 Loweſt 20 49 } 54 29/30	3,200
July	Higheſt 12 30,20 Loweſt 18 29,32	Calm 24 days, ſome hazy and miſty, but little or no rain. Wind Weſterly 22 days, its mixture moſtly with the South.	Higheſt 13 66 Loweſt 4 52 } 58 6/31	1,950
Auguſt	Higheſt 4 30,10 Loweſt 20 29,62	18 calm days; reſt miſty, hazy, or fair. On the 6th at 8 P. M. much lightning; violent about a quarter paſt 9, with very rapid flaſhes, and loud thunder, till two A. M. when it began to rain with a violent flood for a quarter of an hour; afterwards, much rain, but no more thunder or lightning. Wedneſday the 8th, cloſe calm morning; about five A. M. thunder, with much lightning; about ſix rained violently, at nine cleared off, and a fair day. Thurſday morning the 9th, 2 A. M. lightning and thunder, but not ſo violent; wind Eaſterly; wind Eaſt and Weſt nearly equal, with North and South nearly equal.	Higheſt 6 71 Loweſt 31 55 } 60 7/31	1,850
September	Higheſt 28 30,10 Loweſt 26 28,84	Weather moſtly variable, and of all kinds. On the 18th hazy and calm, A. M.; P. M. a ſtorm and hard rain; on the 25th and 26th a continued ſtorm to the 27th; the 28th calm with miſts; wind twenty-five days South, with a greater mixture of the Weſt.	Higheſt 6 63 Loweſt 22 53 } 58½	2,840

Month.	Barometer.	State of the Weather and Wind.	Fahrenheit's Thermom.	Ombr.
			Med.	Inches.
October	Higheſt 7 30,24 Loweſt 22 28,69	Firſt eleven days calm and mild; next twelve days violent rains and windy; next eight days ſhowery, and rains. Wind twenty-five days Weſterly, with eighteen days mixture of the North; reſt equal.	Higheſt 1 60 Loweſt 22 43 } $50\frac{20}{31}$	6,550 at leaſt, the receiver being brim-full when looked to: whether overflowed uncertain.
November	Higheſt 4 29,94 Loweſt 8 28 44 Very low here.	Rain twenty-two days; reſt ſtormy, windy, and cloudy. Wind Weſterly twenty-ſix days; mixed moſtly with the South. An extraordinary fall of rain this month; on the 25th a ſtorm all night.	Higheſt 3 53 Loweſt 20 37 } $47\frac{1}{30}$	7,250
December	Higheſt 1 30,0 Loweſt 23 29,20	26 days rain and ſhowers; much ſtormy weather. On the 18th in the evening, began a violent ſtorm from Weſt, and W. S. W.; the extreme was at eleven P. M. Wind twenty-ſix days blew from the Weſt; moſtly mixed with the South.	Higheſt 15 52 Loweſt 25 37 } $45\frac{30}{31}$	4,100

Total Rain this Year 1770, at leaſt $44,\frac{640}{1000}$